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30031 7590 07/26/2004

**MICHAEL W. HAAS, INTELLECTUAL PROPERTY
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1010 MURRY RIDGE LANE
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Michael W. Haas	(Depositor's name)
<i>Michael W. Haas</i>	(Signature)
October 25, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/617,590	07/11/2003	Mehdi M. Jafari	99-27 C1	3705

TITLE OF INVENTION: MEDICAL VENTILATOR TRIGGERING AND CYCLING METHOD AND MECHANISM
10/27/2004 WABDEL3 00000123 10617590

01 FC:1501 1370.00 OP
02 FC:1504 300.00 OP

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	10/26/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
MITCHELL, TEENA KAY	3743	128-204210

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
1 Michael W. Haas
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Respironics, Inc.

Murrysville, Pennsylvania

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
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- ☒ A check in the amount of the fee(s) is enclosed.
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is not claiming SMALL ENTITY status. See, e.g., 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

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(Authorized Signature) *Michael W. Haas* (Date) 10/25/04

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Total Number of Pages in This Submission: 7

Application Number 10/617,590

Filing Date July 11, 2003

Confirmation Number 3705

Inventor(s) JAFARI et al.

Group Art Unit 3743

Examiner Mitchell, T.

Attorney Docket No. 99-27 C1

ENCLOSURES (check all that apply)

☒ Fee Transmittal Form
(submit in duplicate)

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Attached

\$ 1,670.00

Check No.: 1258

☐ Amendment / Response

☐ After Final

☐ Affidavits / Declaration(s)

☐ Extension of Time Request

☐ Information Disclosure Statement

☐ Form PTO-1449

☐ Cited References

☐ Search report

☐ Drawing(s): Number of Pages _____

Number of Figs. _____ and cover sheet

☐ Formal

☐ Informal

☐ Assignment Papers

☐ Cover Sheet

☐ Drawing Change Authorization
Request and Amended Figure(s)

☐ Request for Return of PTO-1449
Forms

☐ Petition to the Commissioner

☐ To Convert a Provisional
Application

☐ Power of Attorney, Revocation
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85(b) + (c) and Cover Sheet

☐ After Allowance Communication to
Group

☐ Appeal Communication to Board of
Appeals and Interferences

☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)

☐ Request for Continued Examination
(RCE)

☐ Status Request Letter

☐ Small Entity Statement

☐ Request for Refund

☐ Response to Missing Parts /
Incomplete Application

☐ Other Enclosure(s): _____

Current Due Date: October 26, 2004

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual and Company Michael W. Haas, Reg. No. 35,174
RESPIRONICS, Inc., 1010 Murry Ridge Lane, Murrysville PA, 15668

Signature *Michael W. Haas*

Date October 25, 2004

CERTIFICATE OF MAILING

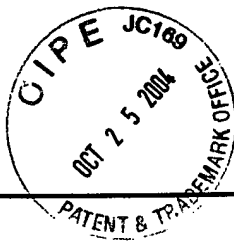
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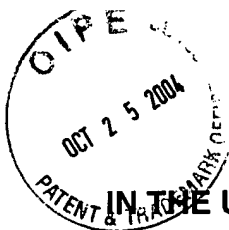
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Michael W. Haas

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

Inventor : JAFARI et al.
Appln. No. : 10/617,590
Conf. No.: : 3705
Filed: : July 11, 2003
Title: : MEDICAL VENTILATOR TRIGGERING AND CYCLING
METHOD AND MECHANISM

Group Art Unit : 3743
Examiner : Mitchell, T.
Docket No. : 99-27 C1

* * * * *

October 25, 2004

PAYMENT OF ISSUE FEE

Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Enclosed herewith are the following for filing in connection with the above-identified U.S. patent application:

- 1) A completed Issue Fee Transmittal Form - PTOL 85(b)(1 page);
- 2) Check No. 1258 in the amount of \$1,670.00;
- 3) Fee Transmittal Form (1 page, 2 copies);

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

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Michael W. Haas, Reg. No. 35,174

JAFARI et al. -- Appln. No.: 10/617,590

- 4) Transmittal Form (1 page); and
- 5) Certificate of Mailing by Express Mail (1 page, Express Mail Label No. EL 997387148 US).

As noted in the Fee Transmittal Form submitted herewith, the Commissioner is hereby authorized to charge any additional fees due, or credit any overpayment to Deposit Account No. 50-0558.

Respectfully submitted,

By Michael W. Haas

Michael W. Haas

Reg. No.: 35,174

Tel. No.: (724) 387-5026

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